

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Kenichi NORIDOMI et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006\_0923A  
Filed June 15, 2006 :  
INFORMATION-DETECTING APPARATUS :  
AND METHOD :  
[Corresponding to PCT/JP2005/018912  
Filed October 7, 2005]

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

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AP3 Rec'd PGI/PTO 15 JUN 2006

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

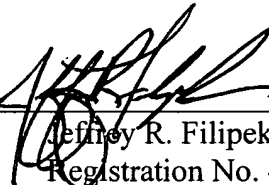
- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☒ a full or partial English language translation submitted herewith,
  - b. ☒ an International Search Report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ an International Search Report citing one or more of the references is enclosed.

Respectfully submitted,

Kenichi NORIDOMI et al.

By



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June 15, 2006

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Sheet 1 of 1		INFORMATION DISCLOSURE STATEMENT					
FORM PTO 1449 (modified)		ATTY DOCKET NO. 2006_0923A	SERIAL NO. NEW				
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Kenichi NORIDOMI et al.					
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		FILING DATE June 15, 2006	GROUP				
Date Submitted to PTO: June 15, 2006							
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	2000-228720	8-15-00	Japan			abstract
	AK						
	AL						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AM	Daniel Gruhl et al., "Information Hiding to Foil the Casual Counterfeiter", Lecture Notes in Computer Science, Proceedings of the Second International Workshop on Information Hiding, Vol. 1525, 1998, pages 1-15, Springer-Verlag, London, UK					
	AN	W. Bender et al., "Techniques for data hiding", IBM Systems Journal, Vol. 35, No. 3-4, 1996, pages 313-336					
	AO	Ryo Sugihara, "Practical Capacity of Digital Watermarks", IBM Tokyo Research Laboratory, 'Online! April 25, 2001 - April 27, 2001, 4 <sup>th</sup> International Information Hiding Workshop, Pittsburgh, Retrieved from the Internet: URL: <a href="http://www.research.ibm.com/trl/projects/RightsManagement/datahiding/paper/Sugiryo_IH2001Slide.pdf">http://www.research.ibm.com/trl/projects/RightsManagement/datahiding/paper/Sugiryo_IH2001Slide.pdf</a> retrieved on December 13, 2005					
	AP	In-Kwon Yeo et al., "Modified Patchwork Algorithm: A Novel Audio Watermarking Scheme", IEEE Transactions on Speech and Audio Processing, Vol. 11, No. 4, 2003, pages 381-386					
	AQ	Kineo Matsui, "Fundamentals of Electronic Watermark", published by Morikita publishing company, 1998, pages 91-94 along with partial English translation					
EXAMINER				DATE CONSIDERED			